HW#33: Areas and Perimeters of triangles and Quadrilaterals

Geometry

Due: Thursday, Oct. 29th

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

Failure to show work or write in sentences when necessary will result in a LaSalle.

**Part I: Area & Perimeter Practice!**

**Directions**: First, identify the shape in each picture and write the correct formula for area next to each shape. Then calculate the exact area of each.

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**Directions:** First, identify the shape in each picture and write the correct formula for area next to each shape. Then find the missing measurement. Round your answer to the nearest tenth.

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| C:\Users\kramos\Dropbox\Math Materials - KMR\Images\HW#33.PNG | ../../../../Math%20Materials%20-%20KMR/Images/HW%2333_2.PNG | ../../../../Math%20Materials%20-%20KMR/Images/HW%2333_3.PNG |

**Directions:** Find the perimeter of each shape.

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| --- | --- |
| ../../../../../Desktop/Screen%20Shot%202015-10-25%20at%207.46.36%20PM | ../../../../../Desktop/Screen%20Shot%202015-10-25%20at%207.52.01%20PM |

**Part II: Notes on Circles!**

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| **Directions:** Rewrite the notes below into your geometry notebook. Failure to show notes in your geometry notebook will result in a LaSalle.  Circles!!  Vocabulary  *Circumference* – distance around the circle (*this is similar to perimeter of a square or rectangle!*)  *Radius* – distance from the center of the circle to any point on the circle. The radius is half the distance of the diameter.  *Diameter* – distance across the circle. The diameter is twice the radius (*d = 2r*)  The circumference of a circle is the product of 2, *pi*, and the radius.  The area of a circle is the product of *pi* and the square of the radius. | |
| Example 1  Find the exact area, and then a two decimal-place approximation.  d= 14ft | You Try! (Complete this in your notebook)  Find the exact area, and then a two decimal-place approximation.  d= 10ft |
| Example 2  Find the exact radius, and then a two decimal- place approximation.  Area = 83 sq ft. | You try! (Complete this in your notebook) Find the exact radius, and then a two decimal place approximation  Area = 117 sq ft. |